

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 1, line 9, as follows:

TECHNICAL FIELD OF THE INVENTION.

Please amend the paragraph beginning at page 1, line 10, as follows:

~~The~~ Exemplary embodiments of the present invention relates to a valve opening and closing control device that controls valve opening and closing of an internal combustion engine by using a rotational torque of a motor driven by a motor drive apparatus.

Please amend the paragraph beginning at page 1, line 15, as follows:

BACKGROUND OF THE INVENTION.

Please amend the paragraph beginning at page 3, line 13, as follows:

SUMMARY OF THE INVENTION.

Please amend the paragraph beginning at page 3, line 14, as follows:

It is ~~an object~~ a feature of exemplary embodiments of the invention to provide a valve opening and closing control device of a type making use of a motor, in which device the driving performance of the motor is enhanced and heat generated by constituent elements is restricted.

Please amend the paragraph beginning at page 6, line 2, as follows:

The above and other objects, features and advantages of exemplary embodiments of the present invention will become more apparent from the following detailed description made with reference to the accompanying drawings.

In the drawings:

Please amend the paragraph beginning at page 6, line 5, as follows:

FIGS. 1A-1B are schematic views illustrating the operation of a motor drive apparatus according to a first exemplary preferred embodiment;

Please amend the paragraph beginning at page 6, line 7, as follows:

FIG. 2 is a cross sectional view schematically showing a valve timing regulating device according to the first exemplary preferred embodiment;

Please amend the paragraph beginning at page 6, line 11, as follows:

FIG. 5 is a block diagram schematically showing the motor drive apparatus according to the first exemplary preferred embodiment;

Please amend the paragraph beginning at page 6, line 13, as follows:

FIG. 6 is a block diagram schematically showing a modification of the motor drive apparatus according to the first exemplary preferred embodiment;

Please amend the paragraph beginning at page 6, line 15, as follows:

FIG. 7A is a schematic view illustrating control signals input into a bridge circuit by a control circuit in the first exemplary ~~preferred~~ embodiment, and FIG. 7B is an enlarged view showing an essential part in FIG. 7A;

Please amend the paragraph beginning at page 6, line 18, as follows:

FIG. 8 is a block diagram schematically showing a motor drive apparatus according to a second exemplary ~~preferred~~ embodiment;

Please amend the paragraph beginning at page 6, line 20, as follows:

FIG. 9 is a partial, cross sectional, perspective view showing an essential part of a valve lift regulating device according to a third exemplary ~~preferred~~ embodiment;

Please amend the paragraph beginning at page 6, line 23, as follows:

FIG. 10 is a perspective view showing an essential part of an actuator according to the third exemplary ~~preferred~~ embodiment;

Please amend the paragraph beginning at page 6, line 25, as follows:

FIG. 11 is a side view showing an essential part of the actuator according to the third exemplary ~~preferred~~ embodiment;

Please amend the paragraph beginning at page 6, line 27, as follows:

FIG. 12 is a block diagram schematically showing a motor drive apparatus according to the third exemplary ~~preferred~~ embodiment;

Please amend the paragraph beginning at page 7, line 2, as follows:

FIG. 13 is a block diagram schematically showing a motor drive apparatus according to a fourth exemplary ~~preferred~~ embodiment;

Please amend the paragraph beginning at page 7, line 4, as follows:

FIG. 14 is a block diagram schematically showing a modification of the motor drive apparatus according to the first exemplary ~~preferred~~ embodiment; and

Please amend the paragraph beginning at page 7, line 9, as follows:

DESCRIPTION OF THE ~~PREFERRED~~ NON-LIMITING EXEMPLARY
EMBODIMENTS.